

In the Claims

1. (Previously presented) A portable device for providing continuous passive motion, the portable device comprising a brace and a drive mechanism, wherein

- the portable device is adapted for providing continuous passive motion of a limb of a human or animal body having a torso, the limb comprising a distal end and a proximal end, the distal end being connected to the proximal end with a first joint, the proximal end being connected to the torso with a second joint,

- wherein said brace is adapted for supporting the distal end of the limb;

- wherein said drive mechanism is adapted for providing a settable continuous passive motion of the first joint and/or the second joint of the limb, said drive mechanism being coupled to said brace and controlling movement of the distal end of the limb;

- said passive motion is controlled in a first control point and a second control point on the distal end of the limb; and said drive mechanism comprises at least a first unit for controlling movement of said first control point on distal end of the limb.

2. (Previously presented) A portable device according to claim 1, wherein said drive mechanism further comprises a second unit for controlling the movement of said second control point of the distal end of the limb.

3. (Previously presented) A portable device according to claim 1, furthermore comprising means for immobilizing said second control point of the distal end of the limb.

4. (Currently amended) A portable device according to claim 1 wherein said portable device furthermore comprises flexible positioning means for flexible

positioning said brace and said drive mechanism on the body of a patient carrying said device, said positioning means being provided with a fastening means for fastening positioning said brace and said drive mechanism on to the body of a patient carrying said device in a stable position, whereby said drive mechanism is at least partially housed within said positioning means.

5. (Previously presented) A portable device according to claim 1, wherein said drive mechanism for providing a settable continuous passive motion of the limb is a programmable motor.

6. (Previously presented) A portable device according to claim 1 wherein the brace comprises

- a support for the distal end of the limb comprising a first primary sub-frame for supporting the distal end of the limb,

- a support for the proximal end of the limb comprising a second primary sub-frame for supporting the proximal end of the limb,

- a hinge for connecting said support for the distal end of the limb to said support for the proximal end of the limb.

7. (Withdrawn) A portable device according to claim 1 wherein said brace comprises

- a secondary sub-frame connected to the first primary sub frame supporting said distal end of the limb by means of a mechanical interface, said secondary sub-frame linking said first control point with said second control point; and

- said mechanical interface is provided near a joint between said distal end and said proximal end of the limb and connecting the secondary sub-frame to the primary sub frame of said distal end of the limb.

8. (Currently amended) A portable device according to claim 4, wherein said positioning means comprises an inflatable housing of flexible material provided with ~~[[a]]~~ said fastening means, said housing allowing at least partial deformation when fastened on a body for providing a stable position.
9. (Previously presented) A portable device according to claim 1, wherein said support of the distal end of the limb of said brace is furthermore provided with a limb fastener; and said support of the proximal end of the limb of said brace is furthermore provided with a limb fastener.
10. (Previously presented) A portable device according to claim 9, wherein said fasteners for the distal end and the proximal end of the limb comprise fixing straps.
11. (Previously presented) A portable device according to claim 1, wherein said brace for supporting the distal end of the limb is adjustable in order to fit the length of the distal end of the limb of the user.
12. (Currently amended) A portable device according to claim 2, wherein the first and second ~~motor unit consists~~ units of said drive mechanism consist of a triple spindle with electromotor with worm wheel transfer, being provided in a housing, allowing the ~~motor~~ units to induce a substantially vertical movement.
13. (Withdrawn) A portable device according to claim 7 wherein the mechanical interface is provided with a motor-driven sliding mechanism, said mechanism allowing the support of the distal end of the limb to perform a sliding movement.
14. (Previously presented) A portable device according to claim 4, wherein the positioning means further comprises a belt provided with fasteners, for positioning said device on a body.

15. (Previously presented) A portable device according to claim 1 further comprising a remote control unit, for controlling the passive movements provided by the device.
16. (Previously presented) A portable device according to claim 15, wherein said remote control unit comprises control switches and a visual display screen.
17. (Previously presented) A portable device according to claim 1, further comprising two connectors, provided at the upper side of the device, whereby one connector is connected to the remote control unit and the other connector is connected to an electric transformer or one or more batteries.
18. (Cancelled)
19. (New) A portable device according to claim 1 wherein said portable device furthermore comprises a flexible positioner provided with a fastener, the flexible positioner being suitable for positioning said brace and said drive mechanism on the body of a patient carrying said device in a stable position, whereby said drive mechanism is at least partially housed within said positioner.
20. (New) A portable device according to claim 19, wherein said positioner comprises an inflatable housing of flexible material provided with a fastener, said housing allowing at least partial deformation when fastened on a body for providing a stable position.
21. (New) A portable device according to claim 19, wherein the positioner further comprises belts provided with fasteners, for positioning said device on a body.
22. (New) A portable device according to claim 1, wherein the brace is an arm brace.